

# Remote dimmer 1000 W

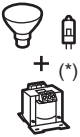
036 71

## Technical data

|                                                                                   |                                                    |
|-----------------------------------------------------------------------------------|----------------------------------------------------|
| Voltage                                                                           | 100 - 240 V~                                       |
| Frequency                                                                         | 50 - 60 Hz                                         |
|  | 2 x 1.5 mm <sup>2</sup> or 1 x 2.5 mm <sup>2</sup> |
| Capacity                                                                          | 6 modules                                          |
| Conforms to                                                                       | IEC 60669-2-1                                      |
|  | 0° C to + 45° C                                    |



Do not mix loads of type ③ and ④.

| ①                                                                                  | ②                                                                                   | ③                                                                                   | ④                                                                                   |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |  |  |
| 110 V~                                                                             | 500 W                                                                               | 500 VA                                                                              | 500 VA                                                                              |
| 230 V~                                                                             | 1000 W                                                                              | 1000 VA                                                                             | 1000 VA                                                                             |

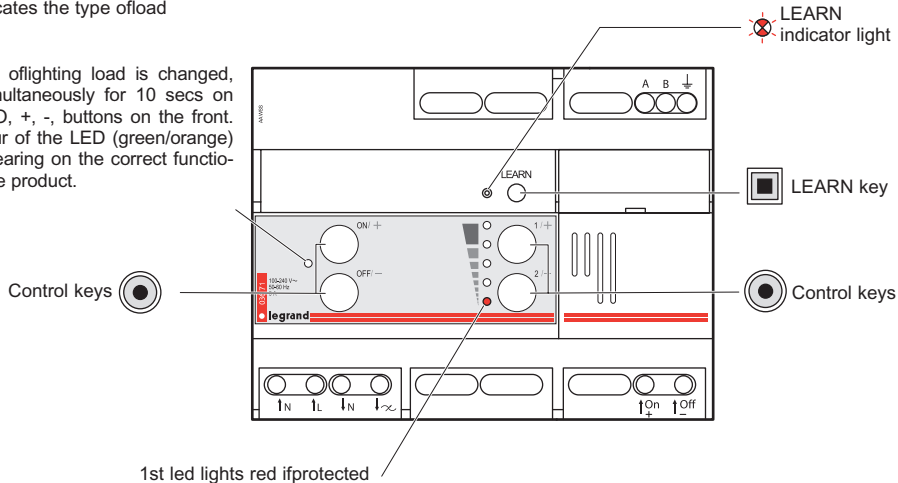
- ① Incandescent lamp
- ② Halogen lamp
- ③ ELV Halogen lamp with ferromagnetic or electronic transformer
- ④ ELV halogen lamp with electronic transformer

(\*) Only use transformers designed for use with an electronic switch.

## Description

 Indicates the type of load

If the type of lighting load is changed, press simultaneously for 10 secs on the ON, O, +, -, buttons on the front. The colour of the LED (green/orange) has no bearing on the correct functioning of the product.



## Safety instructions

This product should be installed preferably by a qualified electrician.

Incorrect installation and use can entail risk of electric shock or fire.

Before carrying out the installation, read the instructions and take account of the product's specific mounting location.

Do not open up the device. All Legrand products must be opened and repaired only by personnel trained and approved by Legrand.

Any unauthorised opening or repair completely cancels all liabilities and the rights to replacement and guarantees.

Only use Legrand brand accessories.

### Protection by electronic device:

- In the event of an overload and with temperatures higher than the max. operating temp, the product automatically regulates the power by reducing the lighting.
- In the event of a short-circuit or a very high overload, the remote dimmer switches off. When the fault has been rectified, the product returns to normal functioning.

## Factory set configuration

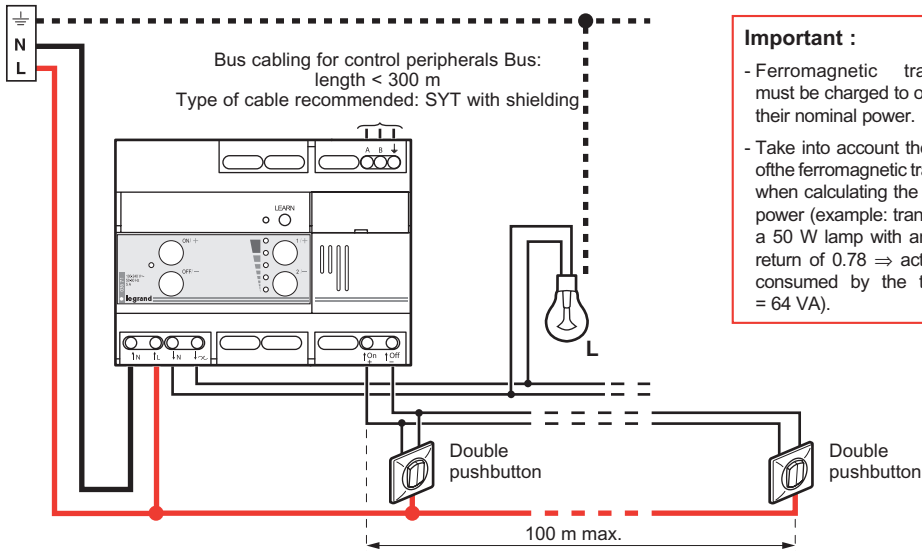
When first powering up, pressing on the ON or OFF keys controls all the remote dimmers cabled into the bus.

This facility is provided in order to check the correct functioning of all the lights.

A double press on the LEARN<sup>(1)</sup> key cancels this general control function.

<sup>(1)</sup>Programming or learning key.

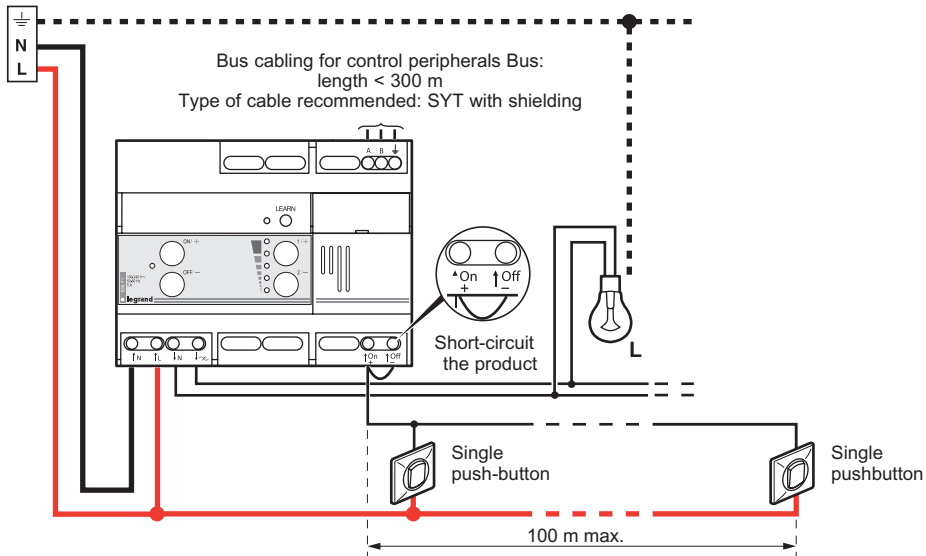
## Cabling



### Important :

- Ferromagnetic transformers must be charged to over 60% of their nominal power.
- Take into account the efficiency of the ferromagnetic transformers when calculating the acceptable power (example: transformer for a 50 W lamp with an efficiency return of 0.78  $\Rightarrow$  actual power consumed by the transformer = 64 VA).

## Cabling with single push-button

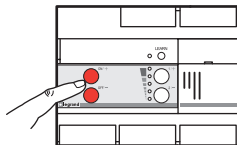


## Local functioning

### Action

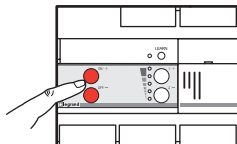
Short press on the ON/+ key

Short press on the OFF/- key

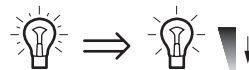
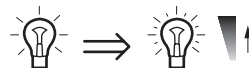
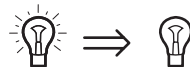


Long press on the ON/+ key

Long press on the OFF/- key

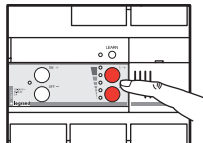
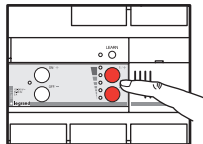


### L



## Local functioning *(continued)*

### Action



### L



## Customising the light level of keys 1 and 2 x

### Action

From key 1/+

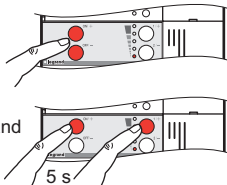
Adjustment of the light level required:

- By a long press on the ON/+ key
- By a long press on the OFF/- key

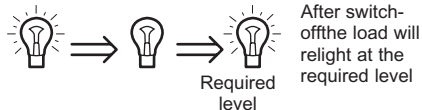
Saving:

- By pressing simultaneously on keys 1/+ and ON/+

The level of key 1/+ is then recorded



### L



From key 2/-

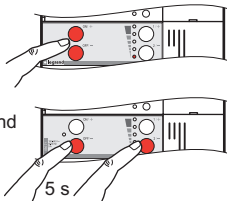
Adjustment of the required light level:

- By a long press on the ON/+ key
- By a long press on the OFF/- key

Saving:

- By pressing simultaneously on keys 2/- and OFF/-

The level of key 2/- is then saved



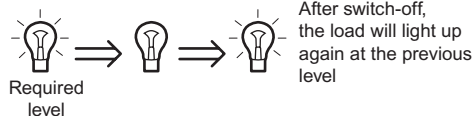
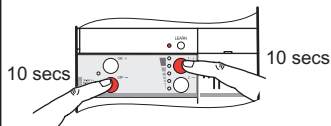
## Customising the light level of keys 1 and 2 x (continued)

### Action

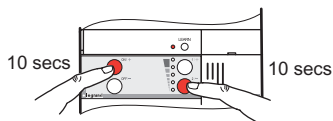
### L

#### Level memory

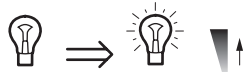
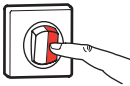
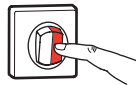
To activate level memory:  
simultaneous long press on buttons OFF/- and 1/+



To deactivate level memory:  
simultaneous long press on buttons ON/+ and 2/-



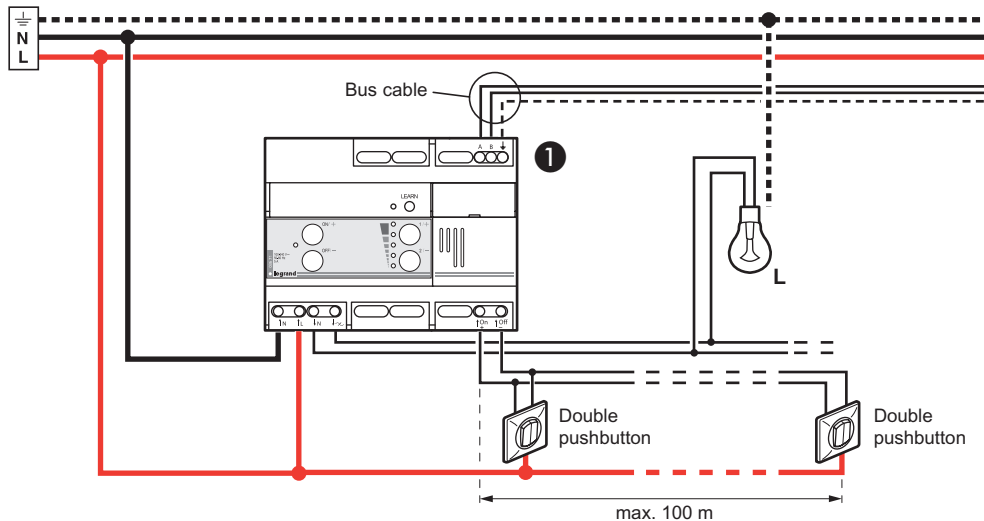
## Push-button operation

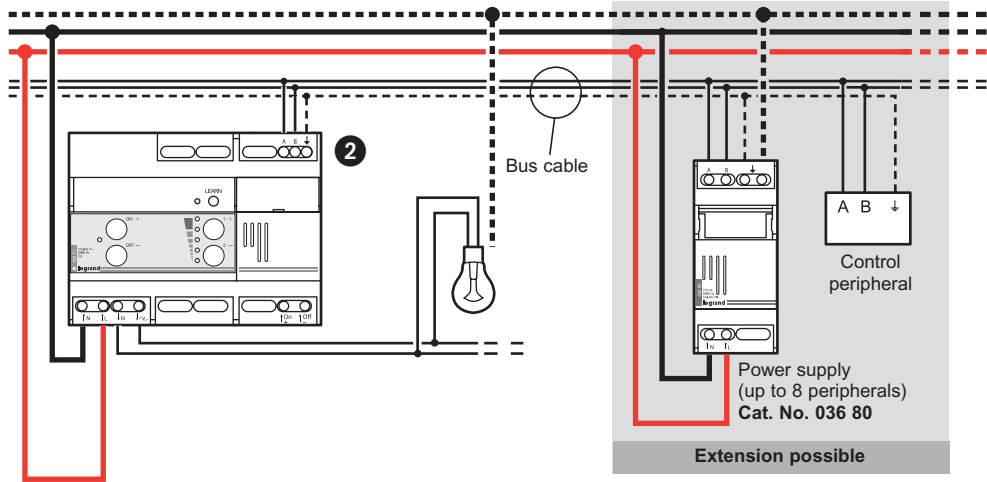
| Action                                                                                                                                                                            | L                                                                                 | Action                                                                                        | L                                                                                   |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| <br>Short press  |  | Long press  |  |
| Short press                                                                                      |  | Long press  |  |

## Push-button operation *(continued)*

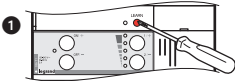
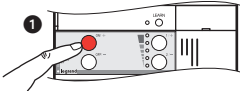
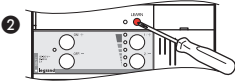
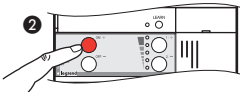
| L                                                                                 | Action                                                                                                                                                                             | L                                                                                                                                                                                                                                                                                                                                                                                                                                | Action                                                                                          | L                                                                                   |
|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  | <br>Short press  |                                                                                                                                                                                                                                                                                                                                                 | Short press  |  |
|  | Long press                                                                                        |      |                                                                                                 |                                                                                     |

## Cabling (transmitter/receiver functioning)

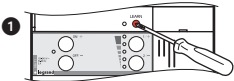
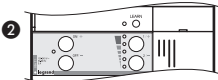




## Transmitter/receiver learning

| Action                                    |                                                                                   |                                                                                    | Indicator light status                                                              | L                                                                                   |
|-------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| <b>Remote dimmer ① transmitter</b>        |                                                                                   |                                                                                    |                                                                                     |                                                                                     |
| Press the LEARN key                       |  |  |  |  |
| Press the ON/+ key                        |  |  |  |  |
| <b>Remote dimmer ② receiver (*)</b>       |                                                                                   |                                                                                    |                                                                                     |                                                                                     |
| Press the LEARN key                       |  |  |  |  |
| Press the ON/+ key                        |  |  |  |  |
| (*)For notes on this process, see page 51 |                                                                                   |                                                                                    |                                                                                     |                                                                                     |

## Transmitter/receiver learning (continued)

| Action                                                                                                                                                                                                                                | Indicator light status                                                              | L                                                                                   |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| <b>Remote dimmer ① transmitter</b><br><br>Press on the LEARN key   |  |  |
| <b>Remote dimmer ② receiver</b><br><br>                                                                                                             |  |  |

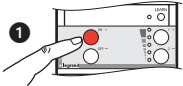
It is not necessary to programme the OFF key of the remote dimmer (transmitter), as it learns automatically.  
 Note: It is possible to link several remote dimmers 036 71 and/or 036 60 to the remote dimmer transmitter ① by repeating this process for each product.

## Technical specifications for the remote dimmer when receiving (actor)

The remote dimmer can receive 32 commands from different transmitters (remote dimmers or control peripherals) by carrying out locally the commands coming from the other transmitters : ON, OFF, dimming or lighting at preset levels.

The remote dimmer receivers Å| linked by being programmed to the remote dimmer transmitter Å| in lighting, switching off and dimming act in just the same way as the remote dimmer transmitters.

## Adding or removing a remote dimmer

| Action                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Indicator light status                                                                                                                                                         |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p><b>Remote dimmer ① transmitter</b></p> <p>Press the LEARN key </p> <p> ①</p> <p>Press the ON command key </p> <p> ①</p> <p>The indicator lights on all the linked remote dimmers flash</p> | <br><br> |
| <p><b>Remote dimmer ② receiver</b></p> <p>Removal</p> <p>Press the LEARN key </p> <p> ②</p> <p><b>Remote dimmer ① transmitter</b></p> <p>Press the LEARN key </p> <p> ①</p>                   | <br><br> |

## Adding or removing a remote dimmer (continued)

| Action                                                                                                                                                                                                                                                                                                                                              | Indicator light status                                                                                                                                                         |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p><b>Remote dimmer ① transmitter:</b> Adding</p> <p>Press the LEARN key </p> <p>Press the ON command key </p> <p>The indicator lights on all the linked remote dimmers flash</p> | <br><br> |
| <p><b>Remote dimmer ② receiver :</b></p> <p>Press the LEARN key </p> <p>and</p> <p>Press the ON command key </p>                                                                  | <br><br> |
| <p><b>Remote dimmer ① transmitter:</b> recording</p> <p>Press the LEARN key </p> <p>The indicator lights on all the products go out</p>                                                                                                                            |                                                                                             |

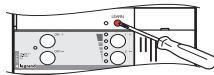
## Resetting factory configuration

### Action

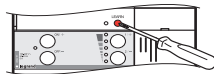
### Indicator light status

#### Remote dimmer transmitter:

Press the LEARN key 



Press the LEARN key   
and keep it pressed for 10 seconds



### Legend



The indicator light goes out



The indicator light blinks slowly



The indicator light blinks rapidly



The indicator light flashes